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SGWU NEWS RELEASE

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FOR IMMEDIATE RELEASE

ENGINEERING STUDENTS WORK ON POLLUTION-FREE URBAN VEHICLE

Building a two-cylinder, pollution-free propane gas-driven car, currently on the drawing boards, is the objective of several mechanical engineering students at Sir George Williams.

Blueprints of the vehicle will be submitted in the Urban Vehicle Design Competition, a North America-wide auto contest, to be held at the University of Toronto later this month. Sir George Williams is one of four Canadian universities entered in the competition.

Between now and August 19/2, the students plan to build a prototype - with the financial assistance of local industry - to be entered in the annual competition, sponsored by SCORE (Student Competitions on Relevant Engineering).

Major design innovations include a hydrostatic drive system eliminating clutch, gearbox and differential axle, a stiff suspension and steering system designed to give the driver quick and accurate feedback on road conditions, and a newly designed brake system. A metallic liner in the body of the vehicle will serve as a roll bar, taking up to 1½ times the weight of the vehicle.

To encourage drivers to use safety belts, the ignition system is designed to work only after belts have been fastened and locked. Maximum speed of the two-seat commuter car is 50 m.p.h.

The head of the student project is Clifford Lamy, who graduated last spring and plans to return in the fall to take up graduate studies. (30)

For more information, contact Prof. M.P. du Plessis, 879-5851 or Clifford Lamy, 386-9666 (after 5:00 p.m.).

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